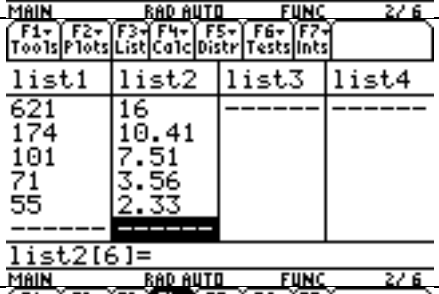
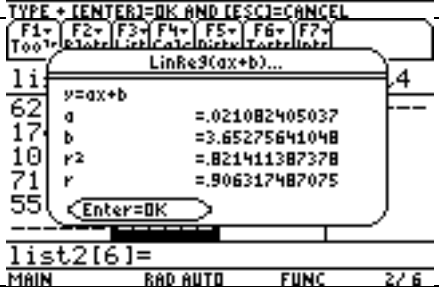
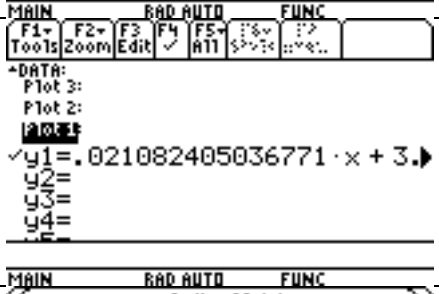
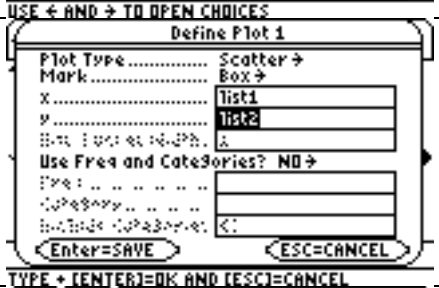
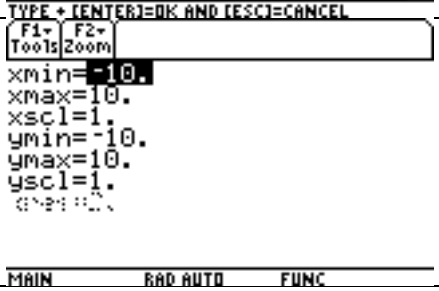
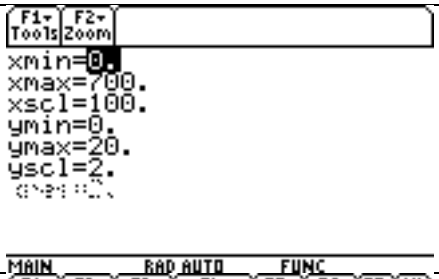
TI-89 Linear Regressions Instructions

Step	Screen Capture
From your Apps menu, select Stats/List Editor	
With the Folder Selection Menu that now appears, simply select ENTER	
You will now see the lists, ready for data input	
Enter your data for the independent variable (x- variable) in LIST 1	
Enter your data for the dependent variable (y- variable) in LIST 2	
Select F4 (Calc) menu and choose 3:Regressions:	
From the Regressions menu, select 2:LinReg (ax + b)	

From the LinReg (ax +b) menu: XList ➔ type in List1 YList ➔ type in List2 Store RegEqn ➔ select y1(x) Then hit ENTER	
Now your equation of the line should appear	
Now, to see the scatter plot and the line of best fit:	
Enter DIAMOND F1 to get to the graphing menu	
Scroll up to Plot1:	
Hit Enter:	
For the x ➔ type in LIST1 For the y ➔ type in LIST2 Enter	
To adjust the viewing window of the graph, select DIAMOND F2	

Now change your window settings (x- and y- axis on the graph).Think about the values of your data!!	
Select DIAMOND F3 to see the scatterplot and the line of best fit